United States Patent [19]

Nakano

Patent Number: [11]

4,839,504

Date of Patent: [45]

Jun. 13, 1989

[54]	IC CARD SYSTEM COMPATIBLE WITH
-	BANK ACCOUNT SYSTEM

[75] Inventor: Harumi Nakano, Oome, Japan

Casio Computer Co., Ltd., Tokyo, Assignee:

Japan

[21] Appl. No.: 75,064

[22] Filed: Jul. 17, 1987

[30] Foreign Application Priority Data

Jul. 28, 1986 [JP] Japan 61-177442

[51] Int. Cl.⁴ G06F 15/30

[52] U.S. Cl. 235/379

[56] References Cited

U.S. PATENT DOCUMENTS

3,906,460 9/1975 Halpern . 3,971,916 7/1976 Moreno .

8/1978 Dethloff. 4,105,156

4,211,919 7/1980 Ugon .

4,382,279 5/1983 Ugon .

Primary Examiner—Roy N. Envall, Jr.

Attorney, Agent, or Firm-Frishauf, Holtz, Goodman & Woodward

ABSTRACT [57]

In an IC card system, a first file corresponding to a normal bank account and a second file corresponding to an IC card account are provided for each IC cardholder. A card terminal for receiving an IC card communicates in an on-line manner with a host computer installed in a bank. A deposit amount is transferred between the first and second files for a transaction using the IC card. The IC card stores an account list for the transfer of a remittance to an account of a third party, so that a cash transfer from the first or second file to the account of the third party can be performed. The IC card functions both as a debit card and a credit card. When either of these functions is selected, an off-line transaction involving use of the IC card can be performed.

8 Claims, 27 Drawing Sheets

